PROJECT NARRATIVE

THE PROPOSED WORK AT THE COATESVILLE VETERANS AFFAIRS FACILITY INCLUDES INTERIOR RENOVATIONS TO THE EXISTING BUILDING #9 TO CONSOLIDATE THE HUMAN RESOURCES AND FISCAL SERVICES, THE ADDITION OF A NEW INTERIOR ELEVATOR AND RELATED SITE IMPROVEMENTS. SITE IMPROVEMENTS WHICH IMPACT THE EROSION AND SEDIMENTATION CONTROL PLAN INCLUDE RECONFIGURATION OF THE EXISTING LOADING DOCK, INSTALLATION OF NEW CONCRETE SIDEWALK AND HANDICAP ACCESSIBLE RAMPS, LANDSCAPING, AND RELATED IMPROVEMENTS. THE PROJECT DISTURBED ACREAGE IS LESS THAN ONE (1) ACRES, AND SO AN NPDES PERMIT IS NOT REQUIRED. THE SITE IS NOT LOCATED WITHIN A HIGH-QUALITY OR EXCEPTIONAL VALUE WATERSHED AND DOES NOT IMPACT ANY WETLANDS, FLOODPLAINS OR SIMILARLY PROTECTED AREAS.

STANDARD EROSION AND SEDIMENT CONTROL PLAN NOTES

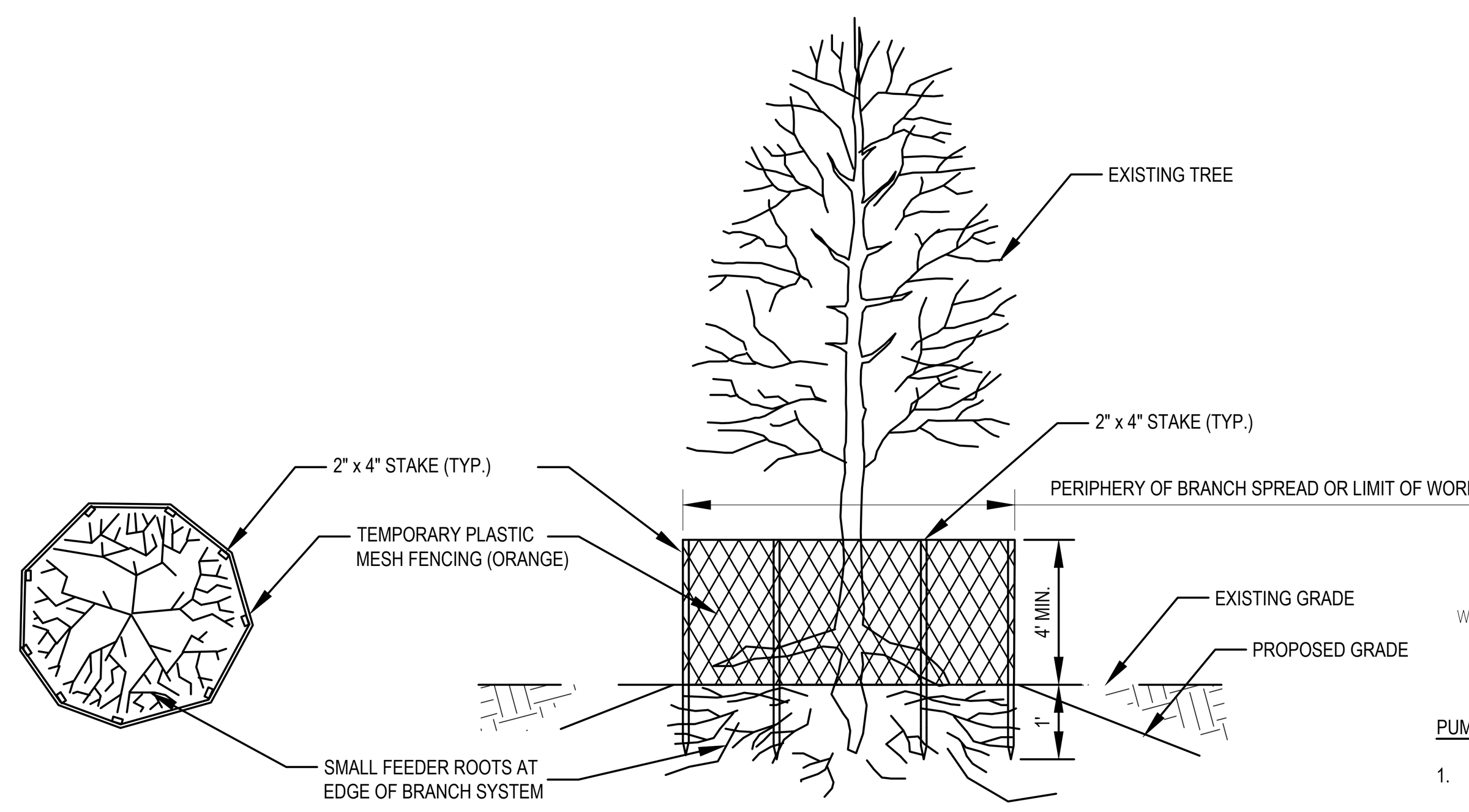
1. CONTRACTORS INVOLVED IN THOSE ACTIVITIES SHALL NOTIFY THE PENNSYLVANIA ONE-CALL SYSTEM, INCORPORATED AT 1-800-242-1776 TO LOCATE BURIED UTILITIES.
2. STOCKPILE HEIGHTS MUST NOT EXCEED 35 FEET; STOCKPILE SLOPES MUST BE 2:1 OR FLATTER.
3. THE OPERATOR SHALL ASSURE THAT THE APPROVED EROSION AND SEDIMENT CONTROL PLAN IS PROPERLY AND COMPLETELY IMPLEMENTED.
4. UNTIL THE SITE ACHIEVES FINAL STABILIZATION, THE OPERATOR SHALL ASSURE THAT THE BEST MANAGEMENT PRACTICES ARE IMPLEMENTED, OPERATED, AND MAINTAINED PROPERLY AND COMPLETELY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL BEST MANAGEMENT PRACTICE FACILITIES AND MAINTAIN AND MAKE AVAILABLE TO THE CONSERVATION DISTRICT COMPLETE, WRITTEN INSPECTION LOGS OF ALL THOSE INSPECTIONS. ALL MAINTENANCE WORK, INCLUDING CLEANING , REPAIR, REPLACEMENT, REGRADING, AND RESTABILIZATION SHALL BE PERFORMED IMMEDIATELY.
5. IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO ELIMINATE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION.
6. BEFORE INITIATING ANY REVISIONS TO THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR REVISIONS TO OTHER PLANS WHICH MAY AFFECT THE EFFECTIVENESS OF THE APPROVED E&S CONTROL PLAN, THE OPERATOR MUST RECEIVE APPROVAL OF THE REVISIONS FROM THE CONSERVATION DISTRICT.
7. THE OPERATOR SHALL ASSURE THAT AN EROSION AND SEDIMENT CONTROL PLAN HAS BEEN PREPARED, APPROVED BY THE CONSERVATION DISTRICT, AND IS BEING IMPLEMENTED AND MAINTAINED FOR ALL SOIL AND/OR ROCK SPOIL AND BORROW AREAS, REGARDLESS OF THEIR LOCATIONS.
8. ALL PUMPING OF SEDIMENT LADEN WATER SHALL BE THROUGH A SEDIMENT CONTROL BMP, SUCH AS A PUMPED WATER FILTER BAG DISCHARGING OVER NON-DISTURBED AREAS.
9. THE CONTRACTOR IS ADVISED TO BECOME THOROUGHLY FAMILIAR WITH THE PROVISIONS OF THE APPENDIX 64, EROSION CONTROL RULES AND REGULATIONS, TITLE 25, PART 1, DEPARTMENT OF ENVIRONMENTAL PROTECTION, SUBPART C, PROTECTION OF NATURAL RESOURCES, ARTICLE III, WATER RESOURCES, CHAPTER 102, EROSION CONTROL..
10. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.
11. ONLY LIMITED DISTURBANCE WILL BE PERMITTED TO PROVIDE ACCESS TO FOR GRADING AND ACQUIRING BORROW TO CONSTRUCT THOSE BMPs.
12. EROSION AND SEDIMENT BMPs MUST BE CONSTRUCTED, STABILIZED, AND FUNCTIONAL BEFORE SITE DISTURBANCE BEGINS WITHIN THE TRIBUTARY AREAS OF THOSE BMP's.
13. AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY EROSION AND SEDIMENT BMPs CONTROLS MUST BE REMOVED. AREAS DISTURBED DURING REMOVAL OF THE BMPs MUST BE STABILIZED IMMEDIATELY.
14. ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE PROVIDED SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED. CLEARING AND GRUBBING SHALL BE LIMITED ONLY TO THOSE AREAS DESCRIBED IN EACH STAGE.
15. IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE, THE OPERATOR SHALL STABILIZE ANY AREAS, DISTURBED BY THE ACTIVITIES. DURING NON-GERMINATING PERIODS, MULCH MUST BE APPLIED AT THE SPECIFIED RATES. DISTURBED AREAS WHICH ARE NOT AT FINISHED GRADE AND WHICH WILL BE REDISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY VEGETATIVE STABILIZATION SPECIFICATIONS. DISTURBED AREAS WHICH ARE AT FINISHED GRADE OR WHICH WILL NOT BE REDISTURBED WITHIN 1 YEAR MUST BE STABILIZED IN ACCORDANCE WITH THE PERMANENT VEGETATIVE STABILIZATION SPECIFICATIONS.
16. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
17. HAY OR STRAW MULCH MUST BE APPLIED AT 3.0 TONS PER ACRE.
18. MULCH WITH MULCH CONTROL NETTING OR EROSION CONTROL BLANKETS MUST BE INSTALLED ON ALL SLOPES 3:1 AND STEEPER, IF APPLICABLE.
19. STRAW MULCH SHALL BE APPLIED IN LONG STRANDS, NOT CHOPPED OR FINELY BROKEN.
20. UNTIL THE SITE IS STABILIZED, ALL EROSION AND SEDIMENT BMPs MUST BE MAINTAINED PROPERLY. MAINTENANCE MUST INCLUDE INSPECTIONS OF ALL EROSION AND SEDIMENT CONTROL BMPs AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF EROSION AND SEDIMENT CONTROL BMPs FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPs, OR MODIFICATIONS OF THOSE INSTALLED WILL BE REQUIRED.
21. SEDIMENT REMOVED FROM BMPs SHALL BE DISPOSED OF IN LANDSCAPED AREAS OUTSIDE OF STEEP SLOPES, WETLANDS, FLOOD PLAINS OR DRAINAGE SWALES AND IMMEDIATELY STABILIZED, OR PLACED IN TOPSOIL STOCKPILES.
22. THE OPERATOR SHALL REMOVE FROM THE SITE, RECYCLE, OR DISPOSE OF ALL BUILDING MATERIALS AND WASTES IN ACCORDANCE WITH THE DEPARTMENT'S SOLID WASTE MANAGEMENT REGULATIONS AT 25 PA. CODE 260.1 ET SEQ., 271.1 ET SEQ., AND 287.1 ET SEQ. THE CONTRACTOR SHALL NOT ILLEGALLY BURY, DUMP, OR DISCHARGE ANY BUILDING MATERIAL OR WASTES AT THE SITE. ALL STONE FROM HOUSE DEMOLITION TO BE SALVAGED IN ACCORDANCE WITH CONDITIONS OF THE CONTRACT MANUAL.
23. ANY SEDIMENT THAT IS TRACKED ONTO THE ROAD MUST BE CLEANED OFF BEFORE THE END OF THE DAY. THE CONTRACTOR MUST INSTRUCT THE DRIVERS OF ALL VEHICLES TO REMOVE SOIL AND LOOSE MATERIAL FROM THEIR WHEELS AND UNDERCARRIAGES WHEN LEAVING THE WORK AREA. THE CONTRACTOR MUST REMOVE ALL SOIL, MISCELLANEOUS DEBRIS OR OTHER MATERIAL SPILLED, DUMPED, OR OTHERWISE DEPOSITED ON PUBLIC STREETS, HIGHWAYS, SIDEWALKS, OR OTHER PUBLIC THOROUGHFARES BY VEHICLES IN TRANSIT TO AND FROM THE WORK AREA.

UTILITY CONSTRUCTION SEQUENCE

1. AREAS DOWNGRADE OF PROPOSED UTILITY INSTALLATION AREAS SHOULD BE PROTECTED BY COMPOST FILTER SOCK OR SIMILAR E&S CONTROL DEVICES. THESE DEVICES MAY ALREADY BE IN PLACE, IF INSTALLED AS PART OF THE OVERALL SITE CONSTRUCTION SEQUENCE.
2. REMOVE PAVEMENT, EXCAVATE UTILITY TRENCH AND PLACE UTILITIES, WHENEVER POSSIBLE, PIPELINES WITH JOINTS SHOULD BE PLACED IN TRENCHES ONLY SLIGHTLY LONGER THAN THE MANUFACTURED LENGTH. THE TOTAL LENGH OF OPEN TRENCH SHOULD NOT BE GREATER THAN THE TOTAL LENGTH OF UTILITY THAT CAN BE PLACED IN ONE WORKING DAY. NO MORE THAN FIFTY (50) LINEAL FEET OF OPEN TRENCH SHOULD EXIST AT THE END OF EACH WORKDAY.
3. PUMP WATER FROM THE TRENCH AS NEEDED AT 1/2 THE MAXIMUM PUMPING RATE RECOMMENDED BY THE MANUFACTURER. PUMP DISCHARGE SHOULD BE LOCATED IN A GRASSY AREA AND SHALL BE FITTED WITH PUMPED WATER FILTER BAGS, PER THE DETAIL SHOWN ON PLAN.
4. SOIL SUPPLEMENTS, SEED AND MULCH SHOULD BE APPLIED WITHIN SEVEN (7) DAYS AFTER THE UTILITY LINE IS INSTALLED IN ACCORDANCE WITH THE SEEDING SCHEDULE.
5. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY BEFORE CROSSING ANY STREAMS, SWALES OR WETLANDS NOT SHOWN ON PLAN.

GRADING AND CONSTRUCTION SEQUENCE

1. CONTRACTOR TO PROVIDE FLAGS TO DELINEATE THE LIMIT OF DISTURBANCE BOUNDARY AS SHOWN ON PLAN.
2. CLEARLY DELINEATE LIMITS OF RAIN GARDEN WITH ORANGE CONSTRUCTION FENCING TO PREVENT COMPACTION OF SOILS DURING CONSTRUCTION.
3. INSTALL A CONSTRUCTION VEHICLE TIRE WASH AREA AT THE LOCATIONS SHOWN ON PLAN. SEDIMENT-LADEN CONSTRUCTION VEHICLES ARE TO USE THIS TIRE WASH AS NEEDED THROUGHOUT THE LIFE OF THE PROJECT TO PREVENT SEDIMENT FROM BEING TRACKED INTO OTHER AREAS OF THE VETERAN AFFAIRS CAMPUS.
4. INSTALL TREE PROTECTION FENCE, AS NEEDED TO PROTECT EXISITNG TREES TO REMAIN. INSTALL COMPOST FILTER SOCK DOWN GRADE OF ALL PROPOSED DISTURBED AREAS AND AS SHOWN ON PLAN. INSTALL DRAIN INLET PROTECTION DEVICES IN ALL EXISTING INLETS IN THE VICINITY OF THE PROJECT AREA AND IMMEDIATELY DOWNSTREAM OF THE DISTURBED AREAS. IF ADDITIONAL INLETS APPEAR TO RECEIVE RUNOFF FROM THE PROJECT AREA BUT ARE NOT SHOWN ON PLAN, THESE INLETS SHOULD ALSO BE PROTECTED.
5. PERFORM DEMOLITION OF EXISTING PAVEMENT, SIDEWALKS AND CURB, AS SHOWN ON THE SITE PREPARATION PLANS AND IN ACCORDANCE WITH THE PROJECT WASTE DISPOSAL NOTES SHOWN ON THE EROSION AND SEDIMENTATION CONTROL PLAN.
6. PERFORM ROUGH SITE GRADING AND RELOCATION UTILITY WORK, IN ACCORDANCE WITH PROJECT WASTE DISPOSAL NOTES AND THE UTILITY INSTALLATION CONSTRUCTION SEQUENCE. INSTALL COMPOST FILTER SOCK AROUND THE TEMPORARY MATERIAL STOCKPILE AREAS, IF THEY ARE NEEDED.
7. INSTALL INLET PROTECTION DEVICES IN NEW INLETS AS THEY ARE CONSTRUCTED. SET INLET GRATES AT FINAL GRADE TO PREVENT SEDIMENT FROM ENTERING STORM PIPES DURING CONSTRUCTION.
8. DEMOLISH EXISTING BUILDING FACADE PER THE ARCHITECTURAL PLANS AND BEGIN CONSTRUCTION OF THE NEW BUILDING ADDITION. AT THE CONTRACTOR'S DISCRETION, THIS WORK MAY PROCEED SIMULTANEOUSLY WITH THE ROUGH GRADING OF THE SITE AND UTILITY RELOCATION WORK, PROVIDED THE REQUIRED EROSION AND SEDIMENTATION CONTROL MEASURES ARE IN PLACE AND FUNCTIONING PROPERLY.
9. FINALIZED CONSTRUCTION OF PROPOSED BUILDING ADDITION AND TIE-IN UTILITY CONNECTION.
10. FINALIZED CONSTRUCTION OF THE PROPOSED ASPHALT PARKING AREAS, SIDEWALKS AND CURB AND PERFORM FINE GRADING OF THE SITE, AS A WHOLE. AFTER FINAL GRADING IS COMPLETED, STABILIZE DISTURBED AREAS IN ACCORDANCE WITH THE SEEDING SCHEDULE. STABILIZATION SHOULD OCCUR WITHIN SEVEN (7) DAYS OF COMPLETION OF FINAL GRADING.

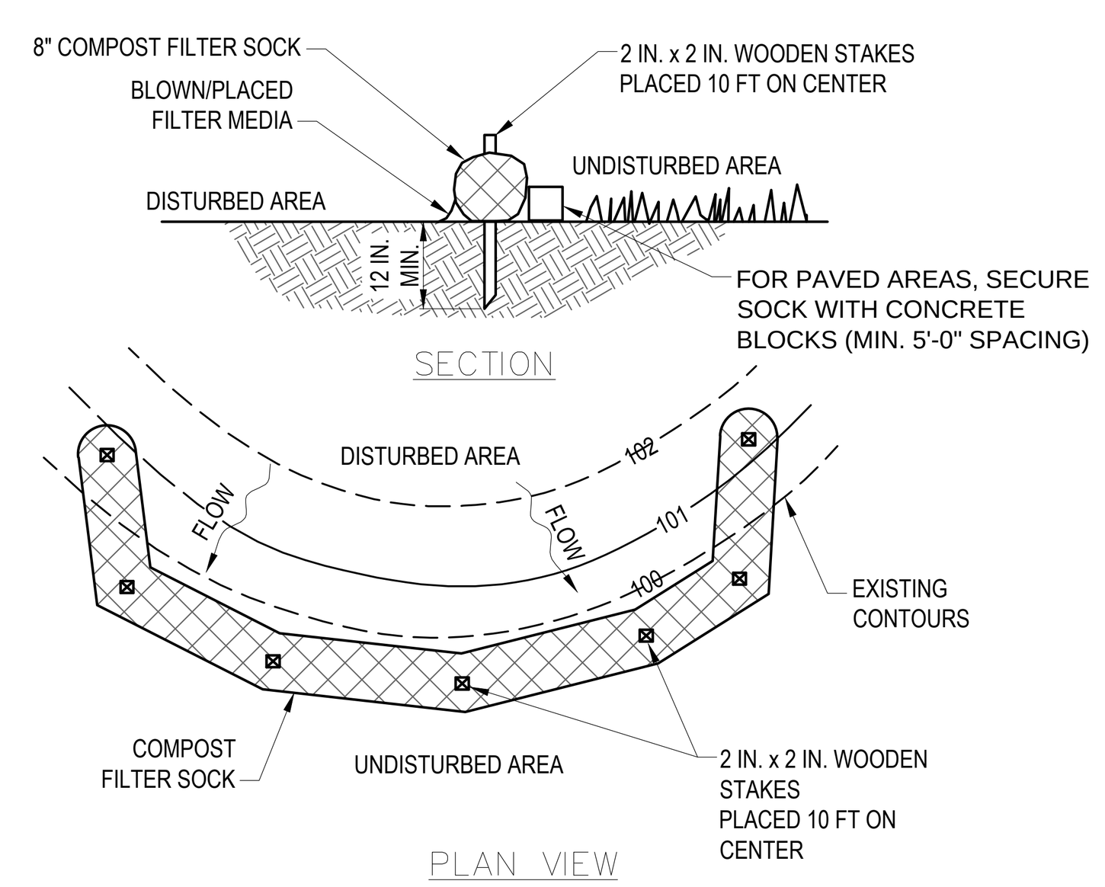


TREE PROTECTION NOTES

1. THOSE TREES WHICH ARE WITHIN TWENTY-FIVE (25) FEET OF ANY PROPOSED EXCAVATION OR GRADING OPERATION, OR IN ANY OTHER LOCATION DEEMED APPROPRIATE BY THE ENGINEER, SHALL BE PROTECTED BY INSTALLING AND MAINTAINING A FENCE AT THE DRIP LINE.
2. NO BOARDS OR OTHER MATERIALS SHALL BE NAILED TO TREES DURING CONSTRUCTION.
3. HEAVY EQUIPMENT OPERATORS SHALL AVOID DAMAGING EXISTING TREE TRUNKS AND ROOTS. FEED ROOTS SHALL NOT BE CUT CLOSER THAN TWENTY-FIVE (25) FEET FROM TREE TRUNKS.
4. TREE LIMBS DAMAGED DURING CONSTRUCTION SHALL BE PROPERLY PRUNED AND TREATED IMMEDIATELY.
5. THE OPERATION OF HEAVY EQUIPMENT OVER ROOT SYSTEMS OF SUCH TREES SHALL BE MINIMIZED IN ORDER TO PREVENT SOIL COMPACTION.
6. DAMAGED TRESS SHALL BE FERTILIZED TO AID IN THEIR RECOVERY.
7. CONSTRUCTION DEBRIS SHALL NOT BE DISPOSED OF NEAR OR AROUND TREES.

1 TREE PROTECTION FENCE

NO SCALE



COMPOST FILTER SOCK NOTES:

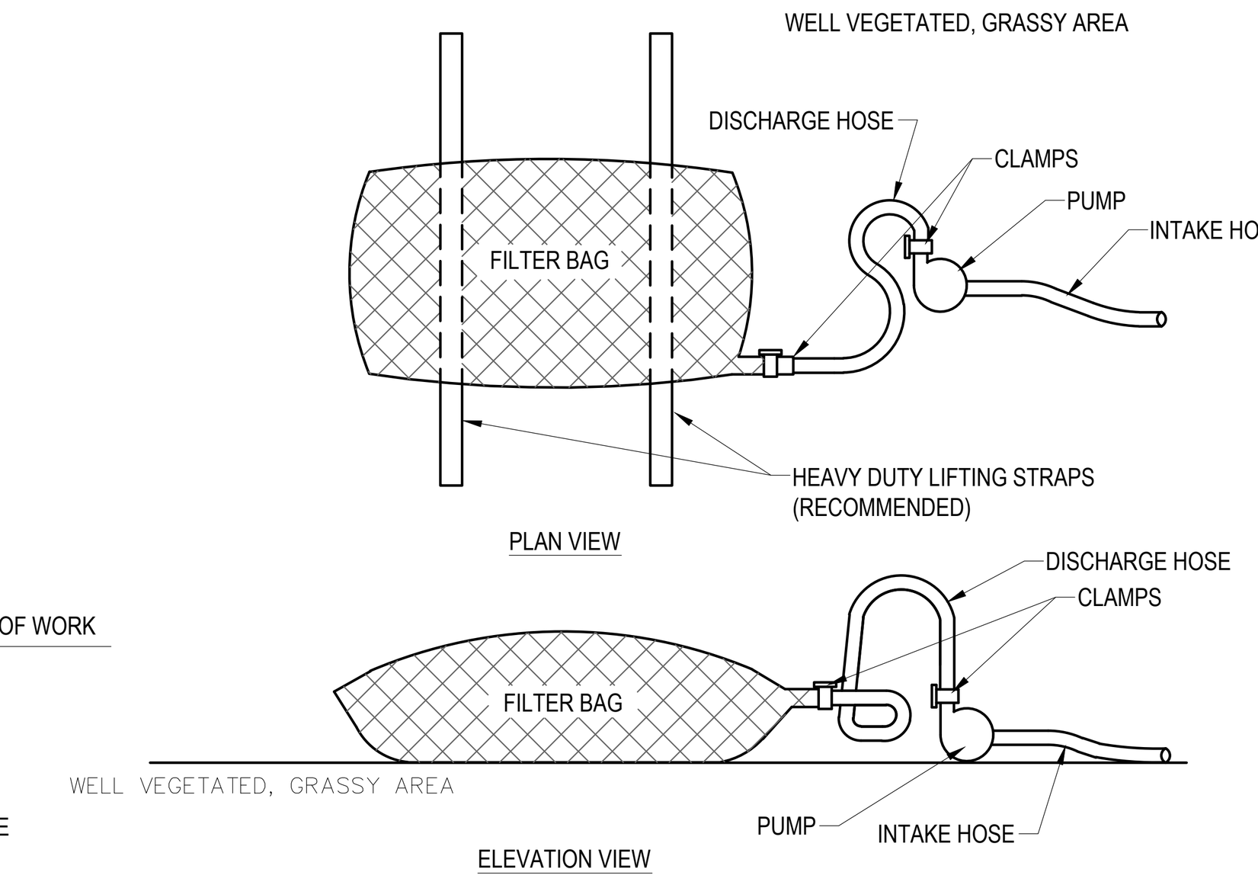
1. SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.
2. COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.
3. TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
4. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
5. COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER 'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

   BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

   UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
8. COMPOST FILTER SOCKS MAY BE STACKED IN A PYRAMID FORMATION, WHERE FAILURE OF CONVENTIONAL COMPOST FILTER SOCK HAS OCCURRED DUE TO CONCENTRATED FLOW. SEDIMENT SHALL BE REMOVED FROM PYRAMID-STACKED COMPOST FILTER SOCKS WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE SOCK BARRIER.

2 COMPOST FILTER SOCK

NO SCALE



PUMPED WATER FILTER BAG NOTES:

1. LOW VOLUME FILTER BAGS SHALL BE MADE FROM NON-WOVEN GEOTEXTILE MATERIAL SEWN WITH HIGH STRENGTH, DOUBLE STITCHED "J" TYPE SEAMS. THEY SHALL BE CAPABLE OF TRAPPING PARTICLES LARGER THAN 150 MICRONS. HIGH VOLUME FILTER BAGS SHALL BE MADE FROM WOVEN GEOTEXTILES THAT MEET THE FOLLOWING STANDARDS:

PROPERTY	TEST METHOD	MINIMUM STANDARD
AVG. SIDE WIDTH STRENGTH	ASTM D-4884	60 LB/IN
GRAB TENSILE	ASTM D-4632	205 LB
PUNCTURE	ASTM D-4833	110 LB
MULLEN BURST	ASTM D-3786	350 PSI
UV RESISTANCE	ASTM D-4355	70%
AOS % RETAINED	ASTM D-4751	80 SIEVE

2. A SUITABLE MEANS OF ACCESSING THE BAG WITH MACHINERY REQUIRED FOR DISPOSAL PURPOSES SHALL BE PROVIDED. FILTER BAGS SHALL BE REPLACED WHEN THEY BECOME 1/2 FULL OF SEDIMENT. SPARE BAGS SHALL BE KEPT AVAILABLE FOR REPLACEMENT OF THOSE THAT HAVE FAILED OR ARE FILLED. BAGS SHALL BE PLACED ON STRAPS TO FACILITATE REMOVAL UNLESS BAGS COME WITH LIFTING STRAPS ALREADY ATTACHED.
3. BAGS SHALL BE LOCATED IN WELL-VEGETATED (GRASSY) AREA, AND DISCHARGE ONTO STABLE, EROSION RESISTANT AREAS. WHERE THIS IS NOT POSSIBLE, A GEOTEXTILE UNDERLAYMENT AND FLOW PATH SHALL BE PROVIDED. BAGS MAY BE PLACED ON FILTER STONE TO INCREASE DISCHARGE CAPACITY. BAGS SHALL NOT BE PLACED ON SLOPES GREATER THAN 5%. FOR SLOPES EXCEEDING 5%, CLEAN ROCK OR OTHER NON-ERODIBLE AND NON-POLLUTING MATERIAL MAY BE PLACED UNDER THE BAG TO REDUCE SLOPE STEEPNESS.
4. NO DOWNSLOPE SEDIMENT BARRIER IS REQUIRED FOR MOST INSTALLATIONS. COMPOST BERM OR COMPOST FILTER SOCK SHALL BE INSTALLED BELOW BAGS LOCATED IN HQ OR EV WATERSHEDS, WITHIN 50 FEET OF ANY RECEIVING SURFACE WATER OR WHERE GRASSY AREA IS NOT AVAILABLE.
5. THE PUMP DISCHARGE HOSE SHALL BE INSERTED INTO THE BAGS IN THE MANNER SPECIFIED BY THE MANUFACTURER AND SECURELY CLAMPED. A PIECE OF PVC PIPE IS RECOMMENDED FOR THIS PURPOSE.
6. THE PUMPING RATE SHALL BE NO GREATER THAN 750 GPM OR 1/2 THE MAXIMUM SPECIFIED BY THE MANUFACTURER, WHICHEVER IS LESS. PUMP INTAKES SHALL BE FLOATING AND SCREENED.
7. FILTER BAGS SHALL BE INSPECTED DAILY. IF ANY PROBLEM IS DETECTED, PUMPING SHALL CEASE IMMEDIATELY AND NOT RESUME UNTIL THE PROBLEM IS CORRECTED.

3 PUMPED WATER FILTER BAG

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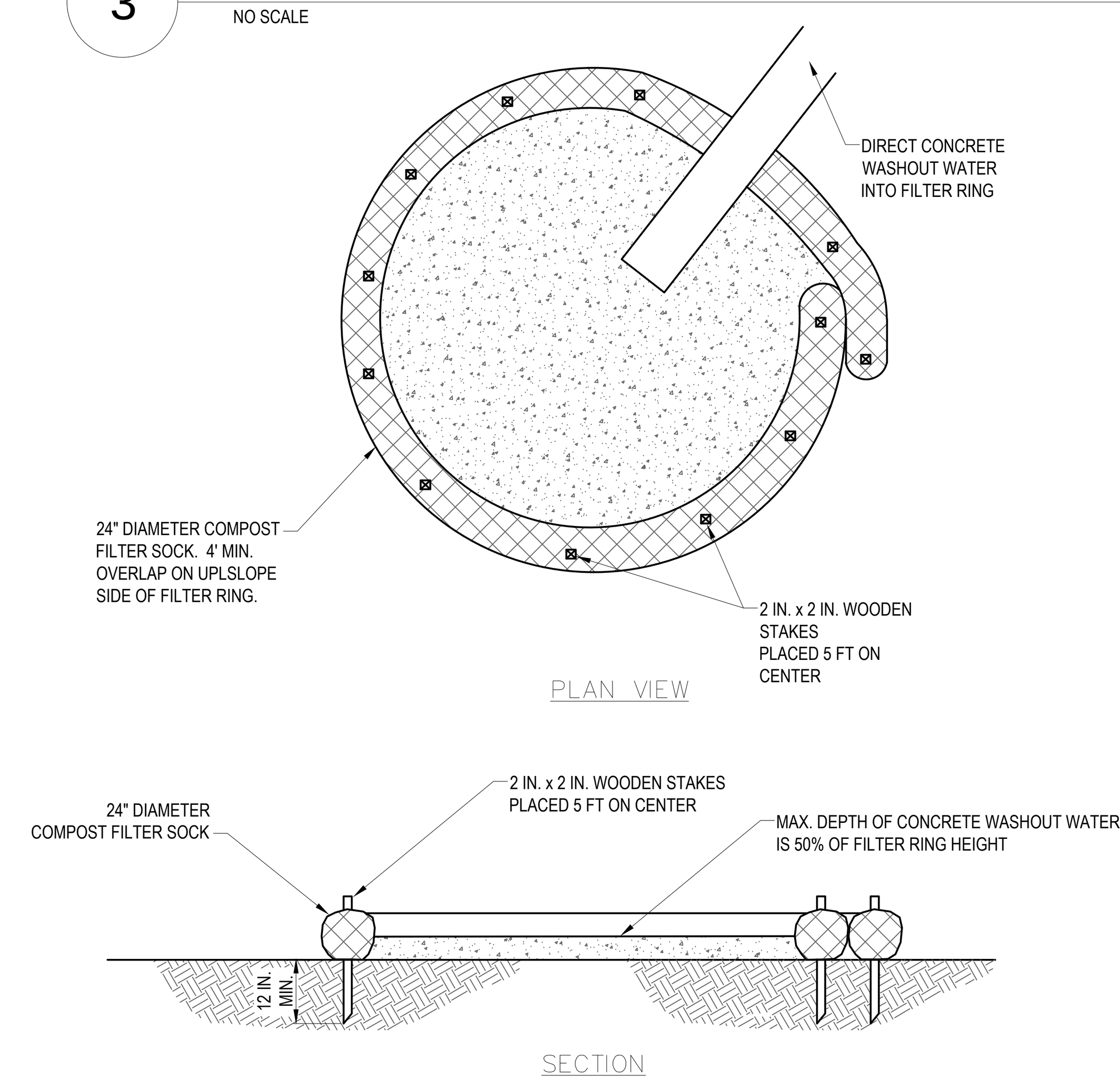

CONCRETE WASHOUT NOTES:

1. A WASHOUT FACILITY MUST BE PROVIDED FOR THE CLEANING OF CHUTES, MIXERS OF THE CONCRETE DELIVERY VEHICLES. PROPER SIGNAGE SHALL BE PROVIDED TO DRIVERS SO THAT THEY ARE AWARE OF THE PRESENCE OF THE WASHOUT FACILITIES.
2. UNDER NO CIRCUMSTANCES, SHOULD WASH WATER FROM CONCRETE DELIVERY VEHICLES OR FROM THE WASHOUT FACILITY BE ALLOWED TO ENTER SURFACE WATERS, EITHER OVERLAND OR VIA STORM SEWERS. WASHOUT FACILITIES SHOULD NOT BE PLACED WITHIN 50 FEET OF STORM DRAINS, OPEN DITCHES OR SURFACE WATERS.
3. A SUITABLE IMPERVIOUS GEOMEMBRANE SHOULD BE PLACED AT THE LOCATION OF THE WASHOUT. COMPOST SOCKS SHOULD BE STAKED IN THE MANNER RECOMMENDED BY THE MANUFACTURER AROUND THE PERIMETER OF THE GEOMEMBRANE SO AS TO FORM A RING WITH THE ENDS OF THE SOCK LOCATED AT THE UPSLOPE CORNER. CARE MUST BE TAKEN TO ENSURE CONTINUOUS CONTACT WITH THE GEOMEMBRANE AT ALL LOCATIONS.
4. INSTALL CONCRETE WASHOUTS ON FLAT GRADE FOR OPTIMUM PERFORMANCE.
5. 18" DIAMETER FILTER SOCKS MAY BE STACKED INTO DOUBLE 24" DIAMETER SOCKS IN PYRAMIDAL CONFIGURATION FOR ADDED HEIGHT.

5 COMPOST SOCK CONCRETE WASHOUT

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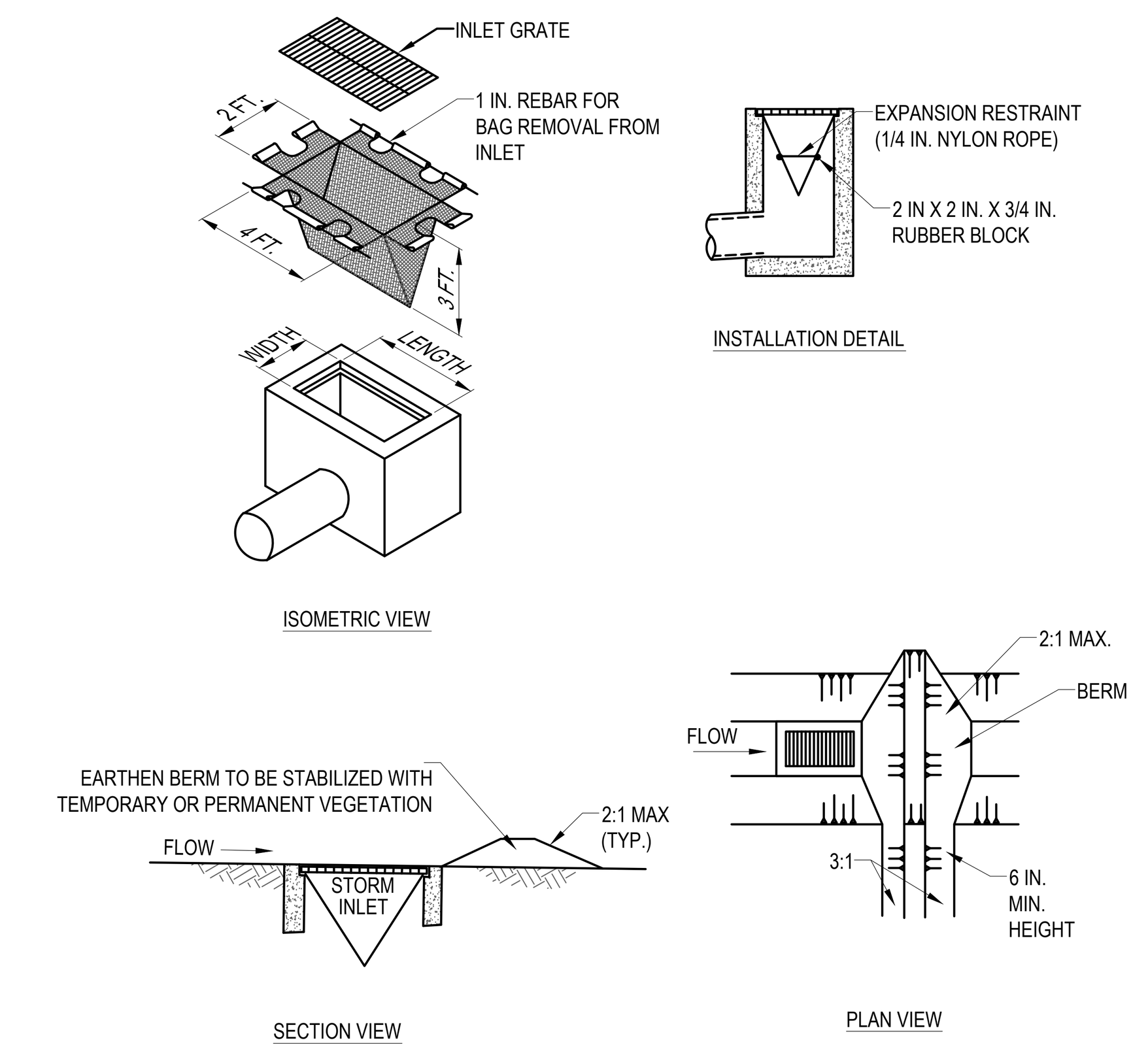

FILTER BAG INLET PROTECTION NOTES

1. MAXIMUM DRAINAGE AREA = 1/2 ACRE.
2. INLET PROTECTION SHALL NOT BE REQUIRED FOR INLET TRIBUTARY TO SEDIMENT BASIN OR TRAP. BERMS SHALL BE REQUIRED FOR ALL INSTALLATIONS.
3. ROLLED EARTHEN BERM IN ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS STONED. ROAD SUBBASE BERM ON ROADWAY SHALL BE MAINTAINED UNTIL ROADWAY IS PAVED. EARTHEN BERM IN CHANNEL SHALL BE MAINTAINED UNTIL PERMANENT STABILIZATION IS COMPLETED OR REMAIN PERMANENTLY.
4. AT A MINIMUM, THE FABRIC SHALL HAVE A MINIMUM GRAB TENSILE STRENGTH OF 120 LBS., A MINIMUM BURST STRENGTH OF 200 PSI, AND A MINIMUM TRAPEZOIDAL TEAR STRENGTH OF 50 LBS. FILTER BAGS SHALL BE CAPABLE OF TRAPPING ALL PARTICLES NOT PASSING A NO. 40 SIEVE.
5. INLET FILTER BAGS SHALL BE INSPECTED ON A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT. BAGS SHALL BE EMPTIED AND RINSED OR REPLACED WHEN HALF FULL OR WHEN FLOW CAPACITY HAS BEEN REDUCED SO AS TO CAUSE FLOODING OR BYPASSING OF THE INLET. DAMAGED OR CLOGGED BAGS SHALL BE REPLACED. A SUPPLY SHALL BE MAINTAINED ON SITE FOR REPLACEMENT OF BAGS. ALL NEEDED REPAIRS SHALL BE INITIATED IMMEDIATELY AFTER THE INSPECTION. DISPOSE ACCUMULATED SEDIMENT AS WELL AS ALL USED BAGS ACCORDING TO THE PLAN NOTES.
6.. DO NOT USE ON MAJOR PAVED ROADWAYS WHERE PONDING MAY CAUSE TRAFFIC HAZARDS.

4 FILTER BAG INLET PROTECTION TYPE M INLETS

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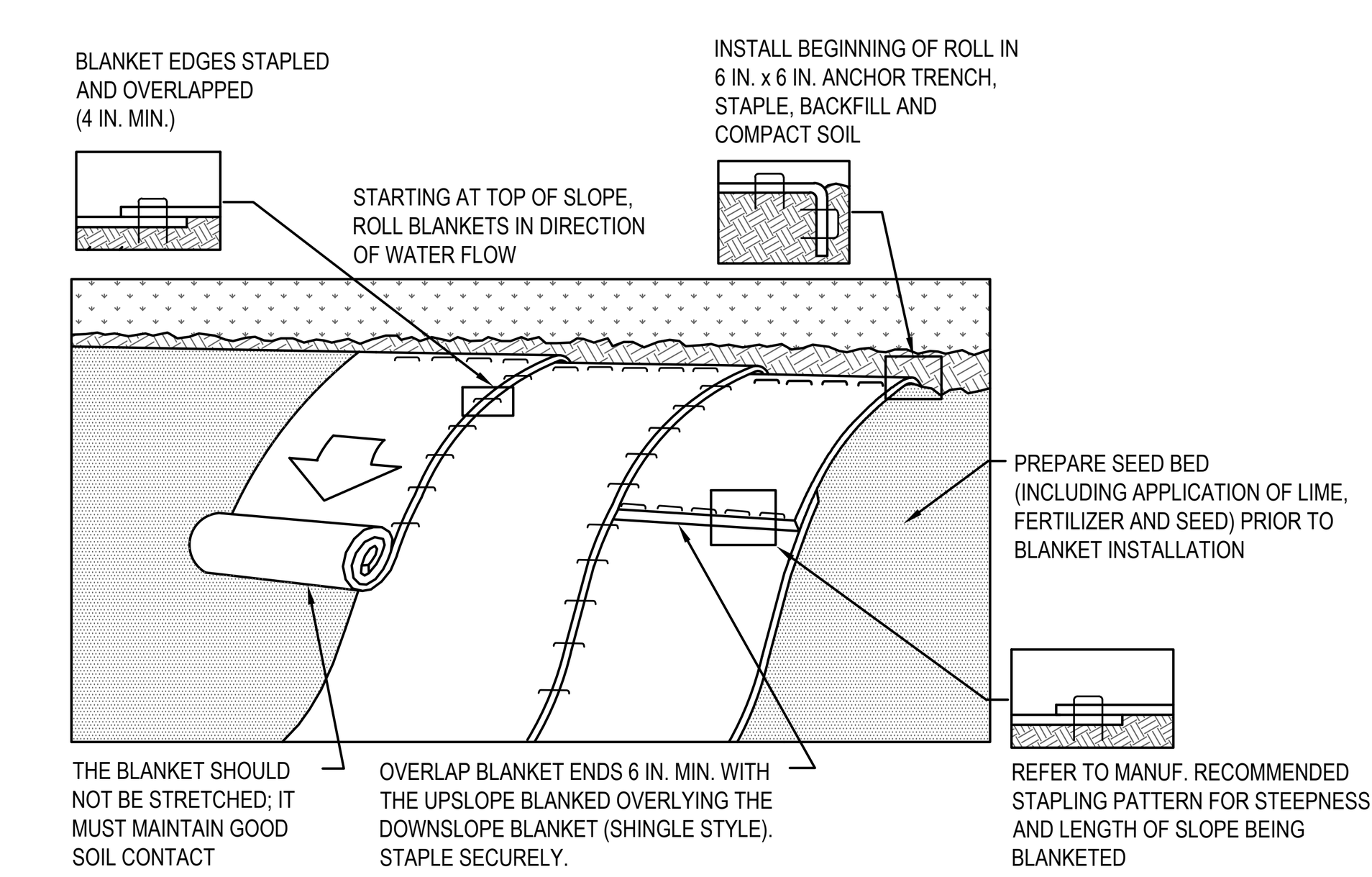

EROSION CONTROL BLANKET INSTALLATION NOTES:

1. SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.
2. PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.
3. SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.
4. BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.
5. THE BLANKET SHALL BE STAPLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
6. BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED TO A MINIMUM UNIFORM 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.

6 EROSION CONTROL BLANKET

NO SCALE

FULLY SPRINKLERED BID DOCUMENTS

Revisions: | Date

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Approved: Project Director

Project Title: BUILDING 9 - SECOND FLOOR RENOVATION

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Date: 05/12/14 | **Checked:** RB | **Drawn:** CMP

Project Number: 542-13-105

Building Number: 9

Drawing Number: CG212

Dwg. 18 **of** 125

Office of Construction and Facilities Management

Department of Veterans Affairs

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